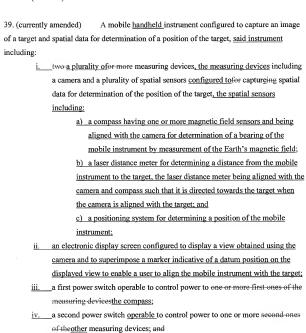
Serial No. 10/522,291 Applicant: Prentice et al. Date: January 30, 2009

Page -3-

IN THE CLAIMS:

A complete listing of all pending claims is shown:

1.	- 38.	(cancel	led)



Serial No. 10/522,291 Applicant: Prentice et al. Date: January 30, 2009

Page -4-

 a power controller capable of asynchronously operating the first and second power switches so as to asynchronously obtain data from the compass and one or more other spatial sensors; and

yi. memory configured to store data obtained from the measuring devices; wherein the mobile instrument is configured to obtain an image from the camera and data from each spatial sensor and store the image and data in the memory, associating the data with the image.;

40. (original) A mobile instrument according to claim 39 wherein the power controller is at least partially integrated with one of the measuring devices.

41-42. (canceled)

43. (original) A mobile instrument according to claim 39 wherein the power controller includes one or more power control lines for controlling the power switches, a camera data line coupled to the camera and one or more sensor data lines each coupled to a respective spatial sensor.

44. (canceled)

45. (previously presented) A mobile instrument according to claim 39 to-wherein the one or more spatial sensors include one or more of: a distance meter, a global position sensor and an orientation sensor.

46-78. (canceled)

79. (previously presented) A mobile instrument according to claim 39 wherein the power controller includes a processor, and a device for controlling the supply of power to the processor.

Serial No. 10/522,291 Applicant: Prentice et al. Date: January 30, 2009

Page -5-

80. (previously presented) A mobile instrument according to claim 40 wherein the power controller includes a processor, and a device for controlling the supply of power to the processor.

- 81 (previously presented) A mobile instrument according to claim 80 wherein the device for controlling the supply of power to the processor is a monostable device.
- 82. (previously presented) A mobile instrument according to claim 39 wherein the power controller includes two or more handshaking lines, each coupled to a respective power switch.
- 83. (previously presented) A mobile instrument according to claim 39 including: a port able to be connected to an external sensor from which the mobile instrument may obtain further information; and a third power switch to control power to the port, the power controller being capable of asynchronously controlling the first, second and third power switches.
- 84. (previously presented) A mobile instrument according to claim 39 wherein the measuring devices include a distance meter, a global position sensor and an orientation sensor, and the mobile instrument further includes a display screen.
- 85. (previously presented) A mobile instrument according to claim 39 wherein the power controller is a central processing platform which also receives data from the measuring devices.
- 86. (previously presented) A mobile instrument according to claim 39 wherein the controller is arranged to control the power switches to provide power to a measuring device when it is required to provide data and not to provide power to the measuring device at other times.